

The image shows an industrial environment with yellow robotic arms in the foreground. Above them, a track busway system is installed, consisting of metal tracks and busbars. The scene is lit by overhead fluorescent lights. A blue semi-transparent banner is overlaid on the bottom half of the image, containing text and a logo.

Series-S Track Busway for Industrial Applications

Starline[®]
A brand of **legrand**

**INDUSTRY'S OPTIMAL POWER
DISTRIBUTION SOLUTION**

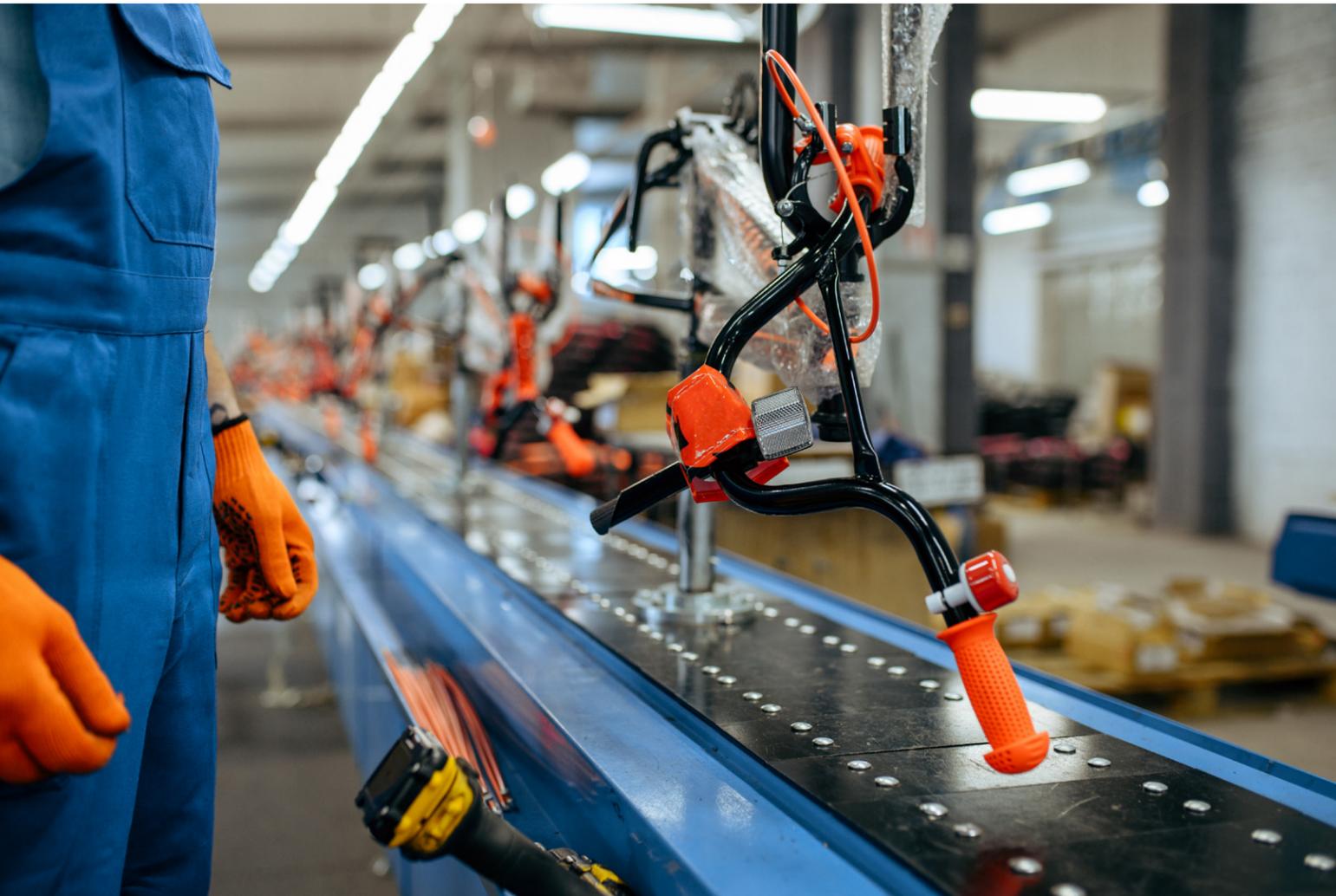
INTRODUCTION TO STARLINE TRACK BUSWAY

Our legacy of innovation is the catalyst for this new era of power distribution.

Since 1987, Starline has been synonymous with “overhead power distribution made simple.”

In a world that continues to evolve, industry needs to act faster to adapt to new circumstances. Starline Track Busway has been the innovative, reliable solution for industrial facilities’ power distribution. With its maximum versatility and incomparable reliability, our industry-leading electrical power distribution system helps facility managers across multiple industries answer the challenge of limited floorspace head-on.

A reliable power distribution system is essential to any manufacturing or industrial facility. Wherever flexible power is needed, from the data center to the manufacturing facility, Starline Track Busway has been there with the highest quality materials and design, unrivaled flexibility, and customizable plug-in units.



NEW APPLICATIONS OF BUSWAY

The world continually goes through a rapid transformation. In manufacturing, the role of transformational technology can be game-changing. Starline Series - S Track Busway is the next evolution of a power distribution system for industries.

And that is why we’re excited to unveil the next generation of our track busway solutions – the Starline Series - S Track Busway.

The Starline Series - S Track Busway combines the proven Track Busway system’s performance, functionality, and flexibility with the added benefit of an IP54 ingress-protection rating. It is available from 100 amps to 1200 amps and allows users to install the system anywhere additional water, dust, or other contaminants require up to an IP54 or NEMA 3R rating. The protection level extends to our uniquely designed plug-in units, which are offered with a wide variety of water-tight IEC and NEMA-rated devices to meet any need.



POWER DISTRIBUTION MADE EASY

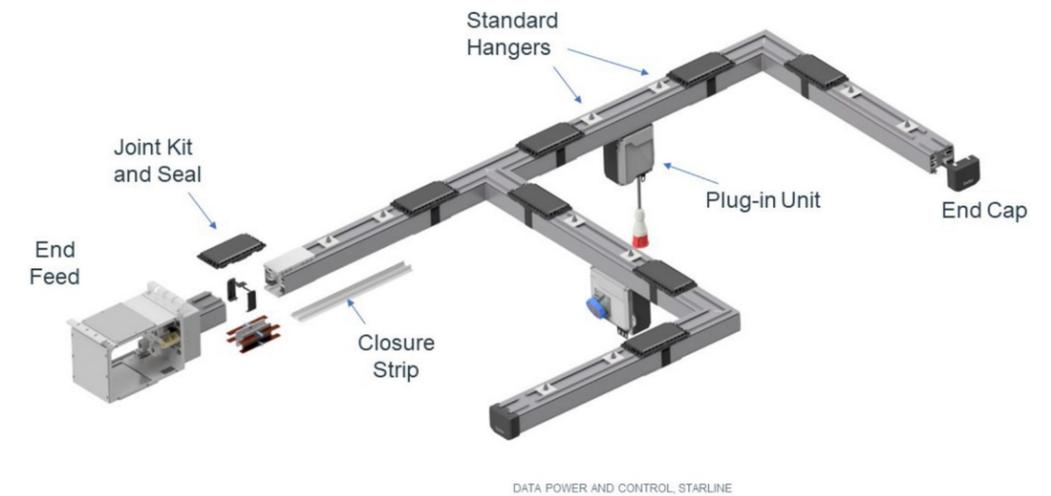
Power Distribution Made Easy

- Flexibility
 - Splashproof protection for environments requiring increased ingress protection ratings
 - Plug-in units can be positioned at any point along the busway and have the highest plug-in unit density of any busduct or busway system available
- Customization
 - Power layout can be designed for specific needs
 - Plug-in units are configured to order
 - Optional revenue-grade metering for load-balancing and monitoring
- Cost-saving
 - Cuts installation (set up, insertion) and modification time up to 90% compared to traditional power methods
 - Plug-and-play design reduces costly and time-consuming changes
 - No routine maintenance needed

Series-S Track Busway Features:

- Splashproof & highly dust resistant
- Durable chemical and UV-resistant design
- Lightweight corrosion-resistant housing
- Simple, tool-less design
- Unlimited power access points
- Available from 100-1200 amps

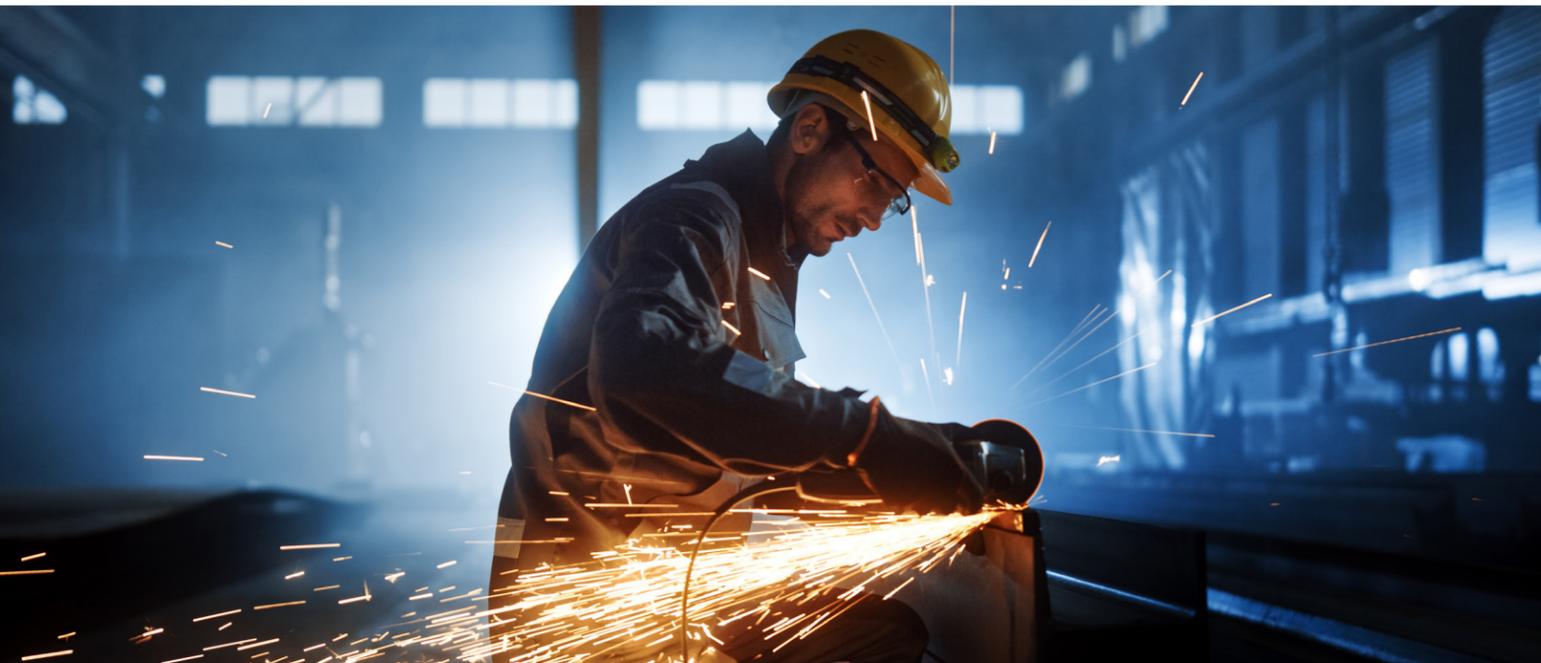
SERIES-S LAYOUT/SYSTEM CHART



DATA POWER AND CONTROL, STARLINE

Specifications	S3 Systems	S5 Systems					
Ampacity	100 / 225	250	400	500	600	800	1000 / 1200
Rated Voltage	600 AC or DC						
Rated Short Circuit Capacity	22kAIC	35kAIC	42kAIC	42kAIC	65kAIC	65kAIC	65kAIC
Ingress Protection Rating	IP54; NEMA 3R						
Conductor Type	Copper	Copper	Copper	Copper	Copper	Copper or Copper/Aluminum	Copper/Aluminum
Frequency Ratings	50/60Hz						
System Weight (10 ft. sections)	Straight Sections 26lbs	Straight Sections 34lbs	Straight Sections 95lbs	Straight Sections 115lbs	Straight Sections 115lbs	Straight Sections 142lbs*	Straight Sections 210lbs*
Support Distance	Max Distance 10ft						
Available Lengths	Standard: 5ft or 10ft						
Meets Standards	UL 857 IEC 61439 1, 6 CSA C22 2#27	UL 857 IEC 61439 1, 6 CSA C22 2#27	UL 857 IEC 61439 1, 6 CSA C22 2#27	UL 857 IEC 61439 1, 6 CSA C22 2#27	UL 857 IEC 61439 1, 6 CSA C22 2#27	UL 857 IEC 61439 1, 6 CSA C22 2#27	UL 857 IEC 61439 1, 6 CSA C22 2#27

*standard ground, hybrid conductors



SERIES-S – FEATURES AND COMPONENTS SUMMARY

This table below provides descriptions for the various Ingress Protection (IP) ratings as listed in IEC 60529. General T3 busway is listed as IP2X. IP3X rating busway is available with additional accessories.

As the table indicates, for the IP54 rating the first number (5) pertains to the solid particle protection and the second (4) pertains to the level of protection from water. The "X" indicates "Not Tested" for water protection.

For purposes of real-world application of the Series-S busway system, please consider these general guidelines:

Indoor or Protected Outdoor use

- Splashproof and sprinkler proof
- Highly dust-resistant
- Not waterproof or watertight
- Not subject to direct exposure to natural elements, such as wind, rain, sun, ice, etc.
- Not intended for direct outdoor use

IP Rating Table

Solid Protection		Water Protection	
0	Not protected.	0	Not protected.
1	Protected against solid objects greater than 50mm, such as a hand.	1	Protected against vertical falling drops of water. Limited ingress permitted.
2	Protected against solid objects greater than 12.5mm, such as a finger. Commonly called "Finger safe".	2	Protected against diagonally falling water (up to 15 degrees). 10 minutes at a rate of 1 mm/min.
3	Protected against solid objects greater than 2.5mm, such as a screwdriver.	3	Protected against sprays of water up to 60 degrees from the vertical. Limited ingress permitted.
4	Protected against solid objects greater than 1mm, such as a wire.	4	Protected against water splashes from all directions. Limited ingress permitted.
5	Dust protected. Limited ingress of dust permitted. Will not interfere with operation of the equipment.	5	Protected against jets of water. Limited ingress permitted.
6	Dust tight. No ingress of dust.	6	Protected against power jets of water. Limited ingress permitted.
		7	Watertight. Protected against the effects of immersion in water between 15cm and 1m for 30 minutes.
		8	Watertight against the effects of immersion in water under pressure for long periods.

With its unique open channel design, Starline beats traditional busduct head-to-head:

Flexibility Performance = Cost Savings.

PLUG-IN UNITS/ TAP OFFS

Series - S plug-in units are designed to provide the same "plug and play" flexibility as our current track busway systems. These plug-in units have been tested and certified to meet the additional IP54 ingress protection levels of the overall design.

Options:

1. Receptacle Box and/or Drop Cord Units
2. Circuit Breaker only Units
3. Meter Plugs

General Specs:

- Three (3) Standard size enclosures
 - ES1 – Up to 3 poles available
 - ES2 – Up to 6 poles available
 - ES3 – Up to 9 poles available
- Clear cover protects breakers and meters while maintaining status visibility
- Outdoor-rated and impact-resistant material
- UV light and corrosion-resistant material
- NEMA & IEC water-tight devices available
- Breaker actuators for floor operability
- Lock-out lids and breaker
- Up to 125A and 600V per enclosure
- Compatible with Starline meters
- Wide range of configuration options



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Starline Holdings, LLC
168 Georgetown Road
Canonsburg, PA 15317
724.597.7800
starlinepower.com